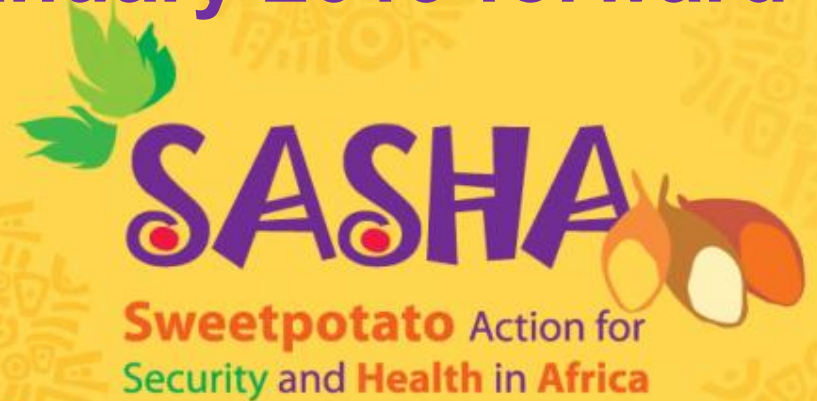


# Sustainable sweetpotato pre-basic seed production Business Continuity: January 2019 forward



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Sweetpotato Seed Systems Community of Practice: 10th  
Consultation- Sustainable Pre-basic Seed Production – SGA  
Progress Review. Nairobi, Kenya 13-14 November 2018

# Fact sheet



Map of Country      Ethiopia

Flag

Population      105,350,020

GDP      8.5 percent

Rainfall pattern/seasons -The rainfall is unimodal but erratic in variability and amount within and among seasons in Tigrai

Sweetpotato national root production statistics

Significance of sweetpotato to national food security

Organization's mandate for EGS production -TARI is responsible to supply for early generation seed.

Product (prebasic/basic) – Basic and prebasic seed

Activities: TC Lab - Maintenance, Multiplication and virus testing

Screenhouse – Hardening /breeder seed multiplication

Virus testing

*(Varieties in production) - Kulfo*

*(Varieties in the pipeline) – Ukr/EJU-10 , Ukr/EJU-30,VITAKabode*

*(EGS Production (seed) trends – 3 years) – 320,000 220500, 500,000*

*(Sales trends (seed) – 3 years -118400, 121275, 275000*

(Peer to peer review: update on progress with TOWS or strategies to strengthen implementation of business plan)

(Going Forward)

# Ethiopian Map and flag



# Sweetpotato national root production statistics



Year	2010	2011	2012	2013	2014	2015	2016
Area (Ha)	81698	70000	80000	110000	160000	100000	130000
Production (tons)	736349	800000	1185050	1782725	2701599	1512731	1939761
Yields (ton/ha)	9.01	11.43	14.81	16.21	16.88	15.13	14.92

# Significance of sweetpotato to national food security



- Sweetpotato is an important crop for at least 20 million Ethiopians.
- A total area of more than 10,000 ha and an average productivity of 15t/ha.
- Being disseminated fast in Tigray and Amhara regional states (traditionally cereal production area).
- It is climate resilient, crop that help tackle food and nutrition security.

# Progress with (TOWS) strategies to strengthen business plan



## Opportunity

- The federal as well as regional government have identified four pillar areas for the GTP 2 period.
- Environmental resilience, Food security; Nutrition security, and Agro-processing and export market.
- Existence of different seed standards
- Availability of institutional buyers (GOs and NGOs).
- Availability of skilled seed multipliers (private farms, FTCs , DVMs farmers and Nurseries)

# Progress with (TOWS) strategies to strengthen business plan



- Multi institutional stakeholders interested in the production, distribution and promotion of Orange Flushed Sweetpotato (OFSP)

## Threat

- Demand is estimated in an annual stakeholder meeting.
- Staff turnover, malfunction of some laboratory equipment and delayed maintenance.

# Progress with (TOWS) strategies to strengthen business plan



## Strength

- Experienced senior research staff as well as senior technicians run the laboratory.
- The institute have planned agro-ecology based basic seed production (Alamata, Axum and Abergele)
- This will distribute the production of quality planting material evenly covering the entire region.



# Progress with (TOWS) strategies to strengthen business plan



## Weakness

- Limited market promotion activities
- Weak cost data collection
- No separate account for sales from sweetpotato

# Progress with strategies to strengthen business plan



- Annual seed demand coordination meeting, stakeholder consultation workshop, field days
- Cost of irrigation to higher water track reduced due to water purification
- The research centre has established itself as a dependable source quality planting material mainly sweetpotato and potato.
- Give training to different level extension workers starting from region to the developments agent and others.

# Next steps with implementation of business plan



- Preparation of appropriate cost data sheet across production lines to monitor costs deferent cost items starting from maintenance to basic seed production
- Devise and implement a robust marketing strategy for the EGS
- Monitor utilization of revolving fund

# Message of commitment from Head of Institution



- Business plan should be owned by the center/Center director should oversee performance and implementation to ensure that other crop do the same
- Production could be increased if an additional deep well is acquired to boost irrigation.

- Thank you !!!!!

